## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/12417

A. CLAS Int	SIFICATION OF SUBJECT MATTER .Cl <sup>7</sup> B66B1/06, B66B1/30						
According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELDS SEARCHED							
Minimum o Int	documentation searched (classification system followerself). C1 B66B1/00-B66B1/52	d by classification symbols)					
Documenta	tion searched other than minimum documentation to t	he extent that such documents are included	in the fields searched				
Jits Koka	uyo Shinan Koho 1922-1996 i Jitsuyo Shinan Koho 1971-2004	Jitsuyo Shinan Toroku Koh Toroku Jitsuyo Shinan Koh	o 1996–2004 o 1994–2004				
Electronic d	data base consulted during the international search (na	me of data base and, where practicable, sea	rch terms used)				
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C. DOCU	MENTS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.				
X X X A A	JP 2003-238037 A (Mitsubish 27 August, 2003 (27.08.03), Claim 2 Par. Nos. [0055] to [0064] Page 8, column 14, lines 16 Page 8, column 14, lines 32 Page 8, column 14, lines 16 Page 8, column 14, lines 32 & WO 03/050028 A1  JP 2002-3091 A (Toshiba FA SKabushiki Kaisha), 09 January, 2002 (09.01.02), (Family: none)	to 19 to 34 to 19 to 34 System Engineering	1 2-5 6 11 7-10 12-13				
Further documents are listed in the continuation of Box C. See patent family annex.							
document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of mailing of the international search report  06 July, 2004 (06.07.04)					
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer					
acsimile No.		Telephone No.	ľ				

## INTERNATIONAL SEARCH REPORT

International application No. PCT/JP03/12417

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